

Work Order ID 57898

Monday, April 19, 2010 3:36:17 PM



Page 1

Item ID: D412-702-045B

Accept



Setup Start



Revision ID:

Stop



Item Name: 4-Man Aft Facing Shoulder Harness, 3 point

Start Date: 4/19/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 4/20/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan: CLDate: 10/4/20 Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

DSI 9469

A

IIN D412-702

Rev E

Pick kit

10-5-20 SP

100

0.00



DC

Document Control

DOCUMENT CONTROL

Memo

0.00

Photocopy bluefile & type labels per PPP D412-702-045B DSI 9469 CHG004

Subst

for CL 10/05/20

110

QC4- 100% Inspect kits for completeness

0.00



QC

Quality Control

Memo

0.00

Subst

④

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Page 2

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Cust Item ID:

Required Date: 4/20/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120		0.00							
	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-702-045B CHG003 <input type="checkbox"/> Location: <u>52</u> <input type="checkbox"/> PPP Rev: <u>1</u>								
130	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

10-5-21

10-5-21
①

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Picklist Print

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Work Order ID: 57898

Parent Item: D412-702-045B

Parent Item Name: 4-Man Aft Facing Shoulder Harness, 3 point

Start Date: 4/19/2010

Required Date: 4/20/2010

Comments: IPP rev A 07.05.10 new issue EC
IPP Rev:B 07-07-06 As per Rev E JLM

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-16A Bolt		Purchased	No			110	Each	95.0000	2.0000			

Warehouse
Location

Main Warehouse

ST358

95

114129

45

114330

50

110

Each

106.0000

4.0000

2

10-5-21

sl

AN4-25A

Purchased

No

BOLT

Warehouse
Location

Main Warehouse

ST360

106

104438

6

111605

50

114330

50

110

Each

30.0000

4.0000

2

2

10-5-21

sl

AN4-27A

Purchased

No

Bolt

Warehouse
Location

Main Warehouse

ST360

30

113538

30

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Picklist Print

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Work Order ID: 57898

Parent Item: D412-702-045B

Parent Item Name: 4-Man Aft Facing Shoulder Harness, 3 point

Start Date: 4/19/2010

Required Date: 4/20/2010

Comments: IPP rev A 07.05.10 new issue EC
IPP Rev:B 07-07-06 As per Rev E JLM

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD416 Washer.	AN960JD416	Purchased	No			110	Each	0.0000	20.0000			
D3572-041 Guide Assembly		Manufactured	No			110	Each	4.0000	2.0000			

M114576 10-5-21SL
10-5-21SL

Warehouse
Location

Main Warehouse

ST260

55679

Loc Qty

Loc Code

4

4

2

D412-702-111B Harness Assembly		Manufactured	No			110	Each	0.0000	1.0000			
D412-702-113B Harness Assembly		Manufactured	No			110	Each	0.0000	1.0000			
D412-702-121B Harness Assembly		Manufactured	No			110	Each	0.0000	1.0000			

B58016 10-5-21SL
B58017 10-5-21SL
B58001 10-5-21SL

Warehouse
Location

Main Warehouse

ST274

Loc Qty

Loc Code

1

D412-702-123B Harness Assembly		Manufactured	No			110	Each	0.0000	1.0000			
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B58002 10-5-21SL

Monday, April 19, 2010 3:36:17 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 57898



Parent Item: D412-702-045B



Parent Item Name: 4-Man Aft Facing Shoulder Harness, 3 point

Start Date: 4/19/2010

Required Date: 4/20/2010

Comments: IPP rev A 07.05.10 new issue EC
IPP Rev:B 07-07-06 As per Rev E JLM

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L4		Purchased	No			110	Each	1,593.000	6.0000			



Nut



M114503 10-8-21 SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST139

2

111827

2

Main Warehouse

ST300

1591

113422

132

114108

951

114416

500

9063

8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

QTY -041B	QTY -043B	QTY -045B	QTY -047B	QTY -049B	Part Number	Description
X					D412-702-041B	Dart 13-Man 3-Point Shoulder Harness Kit
	X				D412-702-043B	Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit
		X			D412-702-045B	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit
			X		D412-702-047B	Dart 4-Man 3-Point Side Facing Shoulder Harness Kit
				X	D412-702-049B	Dart 1-Man 3-Point Forward Shoulder Harness Kit
1			1	1	D412-702-059	GROMMET KIT
2			1		D412-702-101B	HARNESS ASSEMBLY
1*			1*		D3573-7	ADAPTER
1*			1*		D3579-046	SHOULDER HARNESS
1*			1*		K6.2	CLIP
4*			4*		MS24693S272	SCREW
4*			4*		AN960JD10LL	WASHER
4*			4*		MS21042L3	NUT
2			1		D412-702-103B	HARNESS ASSEMBLY
1*			1*		D3573-8	ADAPTER
1*			1*		D3579-045	SHOULDER HARNESS
1*			1*		K6.2	CLIP
4*			4*		MS24693S272	SCREW
4*			4*		AN960JD10LL	WASHER
4*			4*		MS21042L3	NUT
1				1	D412-702-105B	HARNESS ASSEMBLY
1*				1*	D3573-1	ADAPTER
1*				1*	D3579-046	SHOULDER HARNESS
1*				1*	K6.2	CLIP
4*				4*	MS24693S272	SCREW
4*				4*	AN960JD10LL	WASHER
4*				4*	MS21042L3	NUT
1					D412-702-107B	HARNESS ASSEMBLY
1*					D3573-3	ADAPTER
1*					D3579-045	SHOULDER HARNESS
1*					K6.2	CLIP
4*					MS24693S272	SCREW
4*					AN960JD10LL	WASHER
4*					MS21042L3	NUT
1					D412-702-109B	HARNESS ASSEMBLY
1*					D3573-3	ADAPTER
1*					D3579-045	SHOULDER HARNESS
1*					K6.2	CLIP
4*					MS24693S272	SCREW
4*					AN960JD10LL	WASHER
4*					MS21042L3	NUT

*DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

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Revision: E

Date: 07.06.27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

QTY -041B	QTY -041B	QTY -045B	QTY -047B	QTY -049B	Part Number	Description
2		2			D412-702-111B	HARNESS ASSEMBLY
1*		1*			D3570-1	BRACKET
1*		1*			D3579-047	SHOULDER HARNESS
4*		4*			MS24694S50	SCREW
4*		4*			AN960JD10L	WASHER
4*		4*			MS21042L3	NUT
2		2			D412-702-113B	HARNESS ASSEMBLY
1*		1*			D3570-2	BRACKET
1*		1*			D3579-048	SHOULDER HARNESS
4*		4*			MS24694S50	SCREW
4*		4*			AN960JD10L	WASHER
4*		4*			MS21042L3	NUT
1			1		D412-702-115B	HARNESS ASSEMBLY
1*			1*		D3573-5	ADAPTER
1*			1*		D3579-046	SHOULDER HARNESS
1*			1*		K6.2	CLIP
4*			4*		MS24693S272	SCREW
4*			4*		AN960JD10LL	WASHER
4*			4*		MS21042L3	NUT
1			1		D412-702-117B	HARNESS ASSEMBLY
1*			1*		D3573-5	ADAPTER
1*			1*		D3579-045	SHOULDER HARNESS
1*			1*		K6.2	CLIP
4*			4*		MS24693S272	SCREW
4*			4*		AN960JD10LL	WASHER
4*			4*		MS21042L3	NUT
2					D3542-1	BRACKET
7			4	1	D3571-1	GUIDE
2					D3571-3	GUIDE
2		2			D3572-041	GUIDE ASSEMBLY
12			6	2	D3578-041	DOUBLER
2					D3310-041	BRACKET
2					D3618-1	CAP
4					AN4-10A	BOLT
2		2			AN4-16A	BOLT
4		4			AN4-25A	BOLT
2	2				AN4-44A	BOLT
2	2				MS24693S274	SCREW
3				1	MS24694S58	SCREW
10			8		MS24694S58	SCREW
1				1	MS24694S60	SCREW
26	3	20			AN960JD416	WASHER
4					AN960JD416L	WASHER
12	6	6			MS21042L4	NUT
24			12	4	CR3212-4-4	RIVET

*DENOTES *PART IS INCLUDED WITH ASSEMBLY ABOVE

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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REFERENCE ONLY

The parts list in section 25.23 (pg. 83) of ICA-D412-702 Rev. 3 and section 7.0 (pg. 40) of IIN-D412-702 Rev. E is amended as follows:

QTY	QTY	QTY	QTY	QTY	PART NUMBER	DESCRIPTION
-041B	-043B	-043C	-041B	-043B		
X					D412-702-041B	Dart 13-Man 3-Point Shoulder Harness Kit
		X			D412-702-045B	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit

IS:

1		1			D412-702-111B	HARNESS ASSEMBLY (EXISTING)
1		1			D412-702-121B	HARNESS ASSEMBLY (NEW)
1*		1*			D3570-3	BRACKET
1*		1*			D3579-047	SHOULDER HARNESS
4*		4*			MS24694S50	SCREW
4*		4*			AN960JD10L	WASHER
1*		1*			MS21042L3	NUT
1*		1*			D3569-3	DECAL
1		1			D412-702-113B	HARNESS ASSEMBLY (EXISTING)
1		1			D412-702-123B	HARNESS ASSEMBLY (NEW)
1*		1*			D3570-4	BRACKET
1*		1*			D3579-048	SHOULDER HARNESS
4*		4*			MS24694S50	SCREW
4*		4*			AN960JD10L	WASHER
1*		1*			MS21042L3	NUT
1*		1*			D3569-3	DECAL
4		4			AN4-27A	BOLT (ADD)

WAS:

2		2			D412-702-111B	HARNESS ASSEMBLY
2		2			D412-702-113B	HARNESS ASSEMBLY

* DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
L40601-0-01

APPROVED
BY: *[Signature]*
D. SHERWOOD (E.E.#02)

DATE: 10.01.13
CERT. NO.: SHC4-7
ISSUE NO.: 3

DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9469	SHEET 2 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	AFT-FACING SEAT UPDATE	NTS
DATE	10.01.13	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND NOT TO BE DISCLOSED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

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